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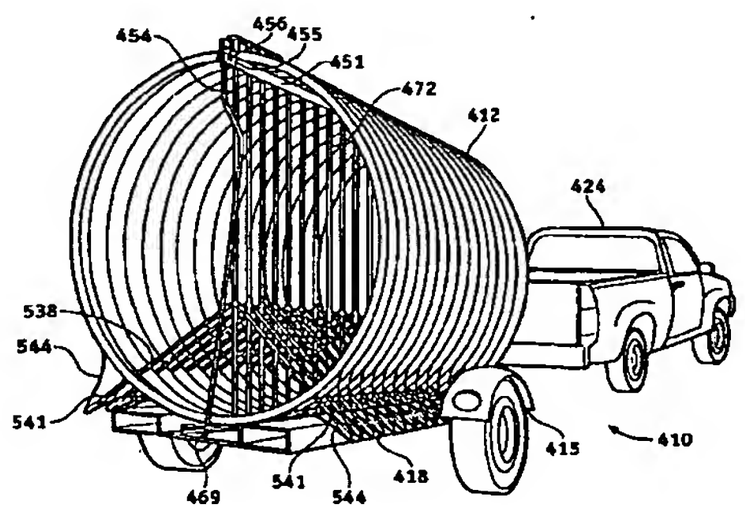
(54) Title: SYSTEM AND METHODS FOR FORMING BARBED TAPE PRODUCT WITH PREDETERMINED PATTERNS OF ATTACHMENT POINTS INCLUDING PATTERNS FOR CONCERTINA TAPE PRODUCTS CONFIGURED FOR STABLE DEPLOYMENT AND RETRIEVAL



(57) Abstract: In barbed tape products, adjacent pairs of loops may be attached to each other at an attachment point that is circumferentially offset relative to an attachment point of the adjacent pair of loops. A system for producing a barbed taped product is controlled by an electronic controller to provide a predetermined pattern of attachment points. A pattern of attachment may be varied from roll to roll, between rolls, and/or within a given roll to provide a predetermined natural configuration of the product in a deployed state. The system and method eliminates the need for ceasing production between rolls in order to re-thread. Attachment elements are sized and configured for strength and accuracy in automatically attached barbed tape products. A deployment system and associated products utilize a magazine for holding and dispensing the products. The products may have any of a number of internal and external gasses for rigidifying the product.

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